

=> d his ful

(FILE 'HOME' ENTERED AT 10:00:31 ON 31 MAY 2006)

FILE 'STNGUIDE' ENTERED AT 10:00:46 ON 31 MAY 2006

FILE 'REGISTRY' ENTERED AT 10:02:46 ON 31 MAY 2006

L1 STRUCTURE UPLOADED
L2 1 SEA SSS SAM L1
L3 75 SEA SSS FUL L1
L4 184 SEA PLU=ON GFLG/SQEP
L5 STRUCTURE UPLOADED
 D
L6 1 SEA SSS FUL L5
 D
L7 STRUCTURE UPLOADED
 D
L8 1 SEA SSS FUL L7
 D

FILE 'CASREACT' ENTERED AT 10:17:40 ON 31 MAY 2006

L9 1 SEA SSS FUL L1 (13 REACTIONS)
 D
L10 0 SEA SSS FUL L5 (0 REACTIONS)
L11 0 SEA SSS FUL L7 (0 REACTIONS)
L12 2 SEA PLU=ON L4
 D L12 1-2
 D L12 2 IBIB

FILE 'HCAPLUS, USPATFULL, USPAT2, TOXCENTER, MEDLINE, EMBASE' ENTERED AT 10:20:02 ON 31 MAY 2006

L13 267 SEA PLU=ON L3
L14 213 SEA PLU=ON L13 AND (PD<20031002 OR PRD<20031002)
L15 136 DUP REM L14 (77 DUPLICATES REMOVED)
 ANSWERS '1-112' FROM FILE HCAPLUS
 ANSWERS '113-135' FROM FILE USPATFULL
 ANSWER '136' FROM FILE TOXCENTER
L16 477 SEA PLU=ON L4
L17 407 SEA PLU=ON L16 AND (PD<20031002 OR PRD<20031002)
L18 477 SEA PLU=ON L17 OR L16
L19 278 DUP REM L18 (199 DUPLICATES REMOVED)
 ANSWERS '1-232' FROM FILE HCAPLUS
 ANSWERS '233-273' FROM FILE USPATFULL
 ANSWERS '274-278' FROM FILE TOXCENTER
L20 118 SEA PLU=ON L19 AND (SYNTHESIS OR PREPARATION)

FILE 'HCAPLUS, USPATFULL, USPAT2, TOXCENTER' ENTERED AT 10:24:42 ON 31 MAY 2006

L21 79 SEA PLU=ON L20 AND PD<20021002
 D L21 1-2 IBIB HITSTR KWIC

FILE 'REGISTRY' ENTERED AT 10:26:34 ON 31 MAY 2006

L22 STRUCTURE UPLOADED
 D
L23 609 SEA SSS FUL L22

FILE 'CASREACT' ENTERED AT 10:30:16 ON 31 MAY 2006

L24 50 SEA SSS FUL L22 (582 REACTIONS)
L25 STRUCTURE UPLOADED
L26 50 SEA SUB=L24 SSS FUL L25 (582 REACTIONS)
L27 41 SEA PLU=ON L24 AND PD<20021002

L28 0 SEA PLU=ON L27 AND RCT+ALL/RL
 D L27 1-41 IBIB RX

FILE HOME

FILE STNGUIDE

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: May 26, 2006 (20060526/UP).

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 30 MAY 2006 HIGHEST RN 886115-42-0
DICTIONARY FILE UPDATES: 30 MAY 2006 HIGHEST RN 886115-42-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

*
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* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

FILE CASREACT

Copyright of the articles to which records in this database refer is
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26, 1996), unless otherwise indicated in the original publications.

FILE CONTENT:1840 - 28 May 2006 VOL 144 ISS 22

New CAS Information Use Policies, enter HELP USAGETERMS for details.

*
* CASREACT now has more than 10 million reactions *
*

Some CASREACT records are derived from the ZIC/VINITI database (1974-1991)
provided by InfoChem, INPI data prior to 1986, and Biotransformations

database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE HCAPLUS

FILE COVERS 1907 - 31 May 2006 VOL 144 ISS 23

FILE LAST UPDATED: 30 May 2006 (20060530/ED)

FILE USPATFULL

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 30 May 2006 (20060530/PD)

FILE LAST UPDATED: 30 May 2006 (20060530/ED)

CA INDEXING IS CURRENT THROUGH 30 May 2006 (20060530/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 30 May 2006 (20060530/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2006

FILE USPAT2

FILE COVERS 2001 TO PUBLICATION DATE: 30 May 2006 (20060530/PD)

FILE LAST UPDATED: 30 May 2006 (20060530/ED)

CA INDEXING IS CURRENT THROUGH 30 May 2006 (20060530/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 30 May 2006 (20060530/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2006

FILE TOXCENTER

FILE COVERS 1907 TO 30 May 2006 (20060530/ED)

FILE MEDLINE

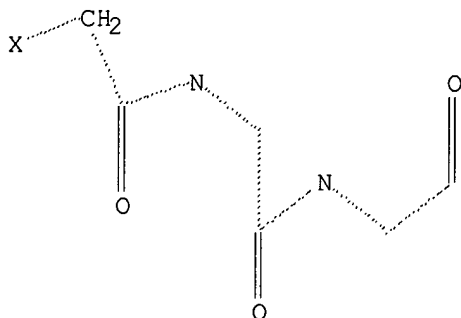
FILE LAST UPDATED: 30 MAY 2006 (20060530/UP). FILE COVERS 1950 TO DATE.

FILE EMBASE

FILE COVERS 1974 TO 31 May 2006 (20060531/ED)

=> d que sta

L22 STR



Structure attributes must be viewed using STN Express query preparation.

L24 50 SEA FILE=CASREACT SSS FUL L22 (582 REACTIONS)

L27 41 SEA FILE=CASREACT PLU=ON L24 AND PD<20021002

L28 0 SEA FILE=CASREACT PLU=ON L27 AND RCT+ALL/RL

=> d que sta 120

L4 184 SEA FILE=REGISTRY PLU=ON GFLG/SQEP

L16 477 SEA L4

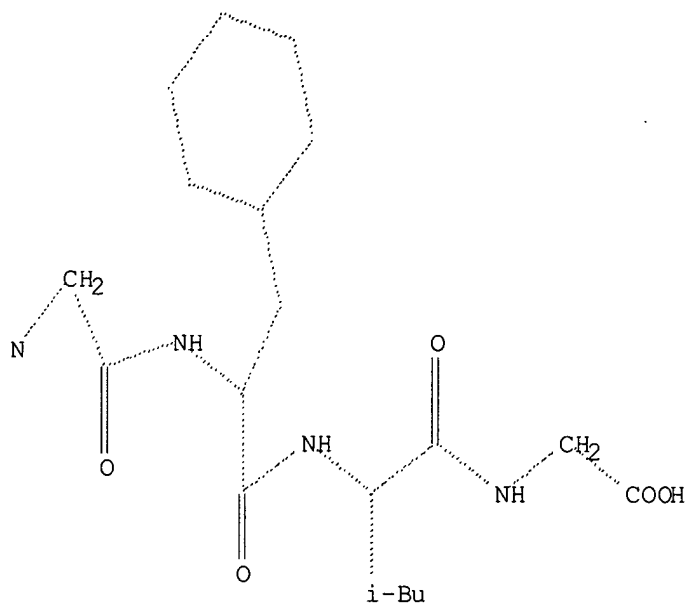
L17 407 SEA L16 AND (PD<20031002 OR PRD<20031002)

L18 477 SEA L17 OR L16

L19 278 DUP REM L18 (199 DUPLICATES REMOVED)

L20 118 SEA L19 AND (SYNTHESIS OR PREPARATION)

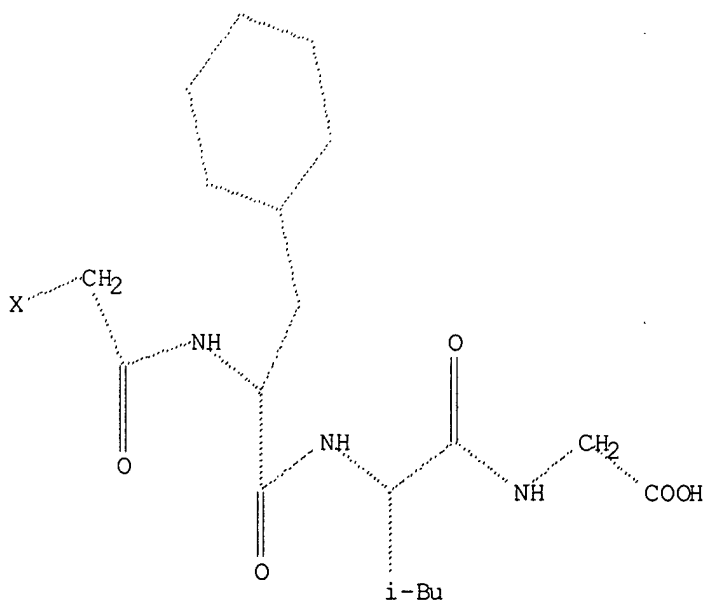
=> d que sta 115
L1 STR



Structure attributes must be viewed using STN Express query preparation.

L3 75 SEA FILE=REGISTRY SSS FUL L1
L13 267 SEA L3
L14 213 SEA L13 AND (PD<20031002 OR PRD<20031002)
L15 136 DUP REM L14 (77 DUPLICATES REMOVED)

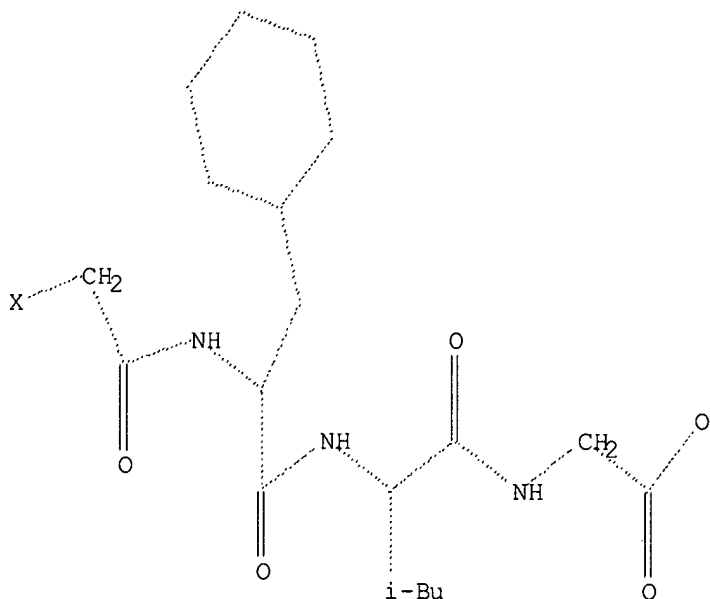
=> d que sta 110
L5 STR



Structure attributes must be viewed using STN Express query preparation.
L10 0 SEA FILE=CASREACT SSS FUL L5 (0 REACTIONS)

100.0% DONE 8890 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

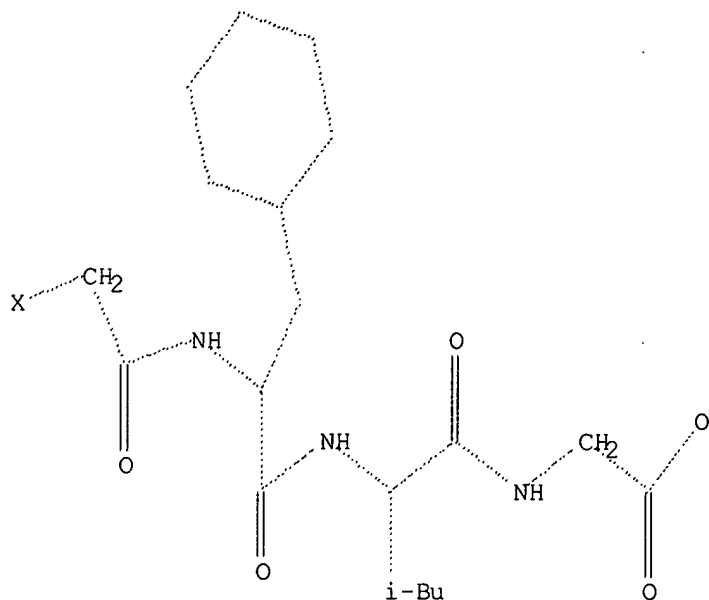
=> d que sta l11
L7 STR



Structure attributes must be viewed using STN Express query preparation.
L11 0 SEA FILE=CASREACT SSS FUL L7 (0 REACTIONS)

100.0% DONE 11145 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

=> d que sta l8
L7 STR

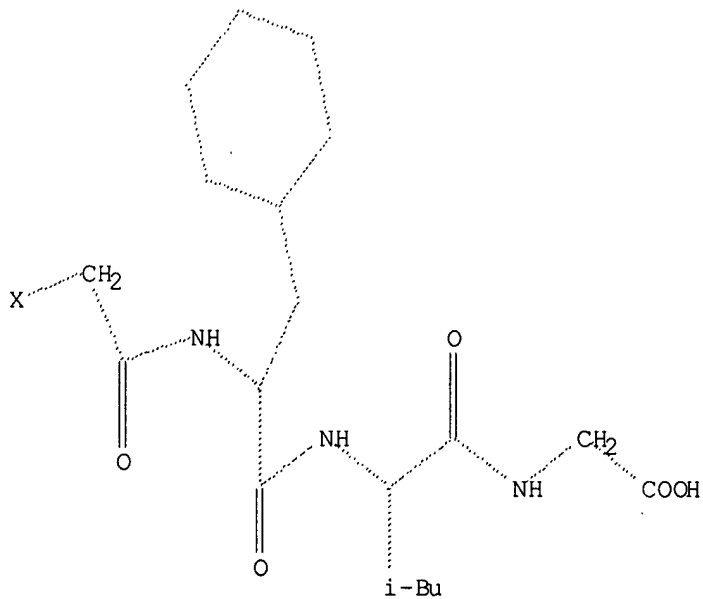


Structure attributes must be viewed using STN Express query preparation.
L8 1 SEA FILE=REGISTRY SSS FUL L7

100.0% PROCESSED 7330 ITERATIONS
SEARCH TIME: 00.00.01

1 ANSWERS

=> d que sta 16
L5 STR



Structure attributes must be viewed using STN Express query preparation.
L6 1 SEA FILE=REGISTRY SSS FUL L5

10/677,215

05/31/2006

100.0% PROCESSED 5103 ITERATIONS
SEARCH TIME: 00.00.01

1 ANSWERS

=> d his ful

(FILE 'HOME' ENTERED AT 15:24:57 ON 31 MAY 2006)

FILE 'STNGUIDE' ENTERED AT 15:25:08 ON 31 MAY 2006
SET LINE 250
SET DETAIL OFF

FILE 'HOME' ENTERED AT 15:25:13 ON 31 MAY 2006
SET LINE LOGIN
SET DETAIL LOGIN

FILE 'REGISTRY' ENTERED AT 15:25:17 ON 31 MAY 2006
L1 STRUCTURE UPLOADED
L2 STRUCTURE UPLOADED
D L1
D L2
L3 731 SEA SSS FUL L1
L4 609 SEA SSS FUL L2
L5 122 SEA PLU=ON L3 NOT L4

FILE 'CASREACT' ENTERED AT 15:26:53 ON 31 MAY 2006
L6 57 SEA SSS FUL L1 (625 REACTIONS)
L7 50 SEA SUB=L6 SSS FUL L2 (582 REACTIONS)
L8 7 SEA PLU=ON L6 NOT L7
D L8 1-7 IBIB RX

FILE HOME

FILE STNGUIDE
FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: May 26, 2006 (20060526/UP).

FILE REGISTRY
Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 30 MAY 2006 HIGHEST RN 886115-42-0
DICTIONARY FILE UPDATES: 30 MAY 2006 HIGHEST RN 886115-42-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

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* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and

<http://www.cas.org/ONLINE/UG/regprops.html>

FILE CASREACT

FILE CONTENT:1840 - 28 May 2006 VOL 144 ISS 22

New CAS Information Use Policies, enter HELP USAGETERMS for details.

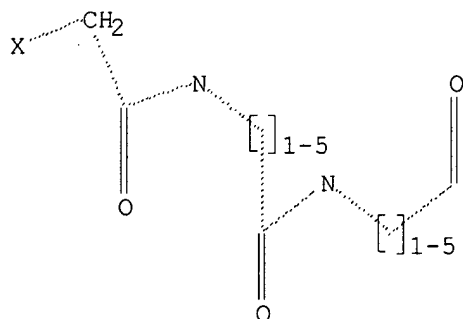
```

*
* CASREACT now has more than 10 million reactions
*
*
```

This file contains CAS Registry Numbers for easy and accurate substance identification.

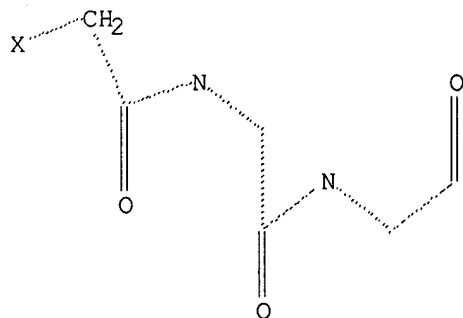
=> d que sta

L1	STR
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
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16	16
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80	80
81	81
82	82
83	83
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86	86
87	87
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89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100



Structure attributes must be viewed using STN Express query preparation.

L2	STR
----	-----

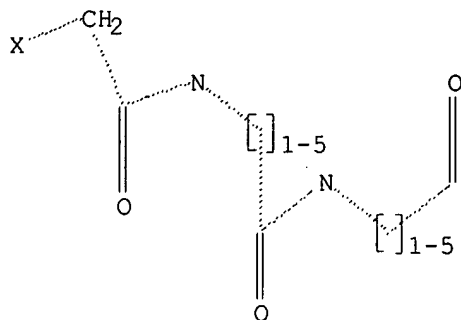


Structure attributes must be viewed using STN Express query preparation.

L6 57 SEA FILE=CASREACT SSS FUL L1 (625 REACTIONS)
 L7 50 SEA FILE=CASREACT SUB=L6 SSS FUL L2 (582 REACTIONS)
 L8 7 SEA FILE=CASREACT PLU=ON L6 NOT L7

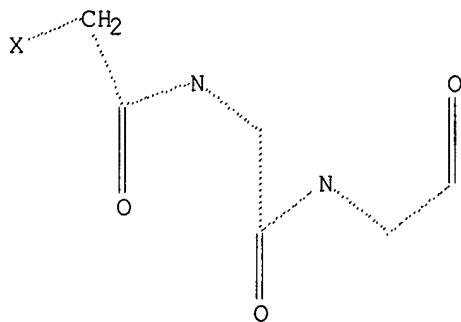
=> d que sta 15

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L2 STR



Structure attributes must be viewed using STN Express query preparation.

L3 731 SEA FILE=REGISTRY SSS FUL L1
 L4 609 SEA FILE=REGISTRY SSS FUL L2
 L5 122 SEA FILE=REGISTRY PLU=ON L3 NOT L4

=> d his ful

(FILE 'HOME' ENTERED AT 15:31:54 ON 31 MAY 2006)

FILE 'REGISTRY' ENTERED AT 15:31:58 ON 31 MAY 2006

L1 184 SEA PLU=ON GFLG/SQEP
L2 0 SEA PLU=ON L1 AND THU/RL

FILE 'HCAPLUS' ENTERED AT 15:33:15 ON 31 MAY 2006

L3 233 SEA PLU=ON L1
L4 186 SEA PLU=ON L3 AND THU/RL
D L4 1-3 IBIB HITSTR KWIC
L5 38 SEA PLU=ON L3 AND PHARMACEUTICAL
L6 29 SEA PLU=ON L5 AND DRUG
D L6 1-3 IBIB HITSTR KWIC

FILE 'REGISTRY' ENTERED AT 15:37:26 ON 31 MAY 2006

L7 1 SEA PLU=ON 329967-77-3/RN
D L7 SQIDE TOTAL

FILE 'HCAPLUS' ENTERED AT 15:37:29 ON 31 MAY 2006

FILE 'REGISTRY' ENTERED AT 15:39:03 ON 31 MAY 2006

L8 STRUCTURE UPLOADED
D
L9 6 SEA SSS FUL L8
D L9 1-6

FILE 'REGISTRY' ENTERED AT 15:40:19 ON 31 MAY 2006

L10 1 SEA PLU=ON 439129-26-7/RN
D L10 SQIDE TOTAL

FILE 'REGISTRY' ENTERED AT 15:40:23 ON 31 MAY 2006

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 30 MAY 2006 HIGHEST RN 886115-42-0

DICTIONARY FILE UPDATES: 30 MAY 2006 HIGHEST RN 886115-42-0

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FILE HCAPLUS

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FILE COVERS 1907 - 31 May 2006 VOL 144 ISS 23

FILE LAST UPDATED: 30 May 2006 (20060530/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

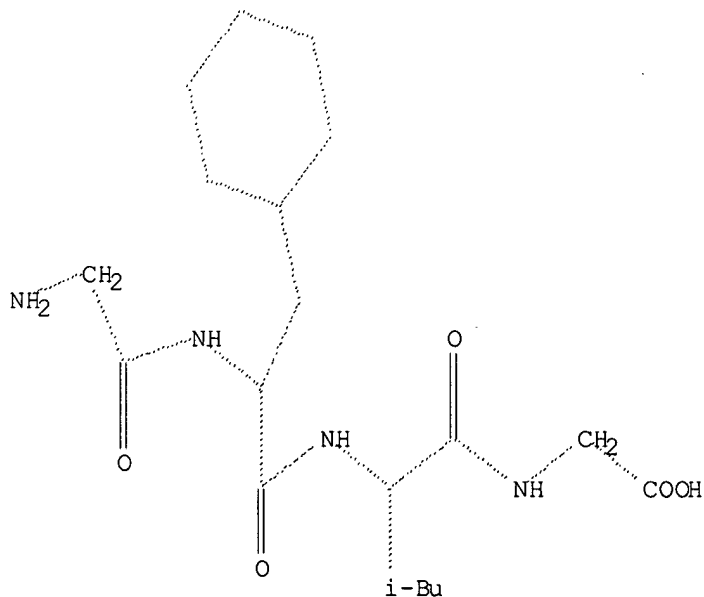
This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que sta

L10 1 SEA FILE=REGISTRY PLU=ON 439129-26-7/RN

=> d que sta l9

L8 STR



Structure attributes must be viewed using STN Express query preparation.

L9 6 SEA FILE=REGISTRY SSS FUL L8

10/677,215

05/31/2006

100.0% PROCESSED 469139 ITERATIONS
SEARCH TIME: 00.00.08

6 ANSWERS